

What is Claimed is:

1. An osmotic system for delivering a pharmaceutically active agent, comprising:

a core portion, wherein said core portion includes said pharmaceutically active agent at a first concentration;

a layer portion enclosing said core portion, wherein said layer portion includes said pharmaceutically active agent at a second concentration, said second concentration being greater than said first concentration; and

a semipermeable wall portion enclosing said core portion and said layer portion.

2. The system of Claim 1 wherein said pharmaceutically active agent is a protein or peptide.

3. The system of Claim 1 wherein said semipermeable wall portion is formed from cellulose acetate.

4. The system of Claim 1 wherein said pharmaceutically active agent is present in said core portion in an amount of about 60 wt. %.

5. The system of Claim 1 wherein said pharmaceutically active agent is present in said layer portion in an amount of about 90 wt. %.

6. The system of Claim 1 wherein said pharmaceutically active agent is pseudoephedrine.

7. An osmotic system for delivering a first pharmaceutically active agent and a second pharmaceutically active agent, comprising:

a core portion, wherein said core portion includes said first pharmaceutically active agent at a first concentration;

a first layer portion enclosing said core portion, wherein said layer portion includes said first pharmaceutically active agent at a second concentration, said second concentration being greater than said first concentration;

a semipermeable wall portion enclosing said core portion and said first layer portion; and

a second layer portion including a second pharmaceutically active agent, said second layer enclosing said semipermeable wall portion.

8. The system of Claim 7 wherein said first pharmaceutically active agent is present in said core portion in an amount of about 60 wt. %.
9. The system of Claim 7 wherein said first pharmaceutically active agent is present in said first layer portion in an amount of about 90 wt. %.
10. The system of Claim 7 wherein said second pharmaceutically active agent is present in said second layer portion in an amount of from about 2 wt. % to about 99 wt. %.
11. The system of Claim 10 wherein said second pharmaceutically active agent is present in said second layer portion in an amount of from about 60 wt. % to about 95 wt. %.